

WHAT IS CLAIMED IS:

1. A method for manufacturing a ceramic oscillator, comprising the steps of:

performing polarization processing for a mother substrate;

forming electrodes on said mother substrate in discrete ceramic oscillator units; and

cutting said mother substrate into discrete ceramic oscillator units, and thereby obtaining discrete ceramic oscillators,

wherein said step of performing polarization processing for the mother substrate comprises finishing the application of a high DC voltage when the antiresonant frequency f_a of the mother substrate in a thickness vibration mode is measured while the voltage is applied to said mother substrate, and the antiresonant frequency f_a which is being measured has reached a target value which is the antiresonant frequency of the mother substrate during polarization corresponding to a target oscillation frequency of the ceramic oscillator as a finished product.

2. A method for manufacturing a ceramic oscillator in accordance with claim 1, further comprising:

determining said target value of the antiresonant frequency of the mother substrate during polarization from correlated data which include first correlated data exhibiting the correlation between the oscillation frequency of the ceramic oscillator which has ultimately been obtained and the antiresonant frequency of the mother substrate at room temperature, and second correlated data exhibiting the correlation between said antiresonant frequency f_a of the mother substrate at room temperature and the antiresonant frequency f_a of the mother substrate during polarization.